

This exploded perspective view shows the assembly of a mobile device. At the top is the upper housing 120, which includes a display area 121, a camera lens 122, and various ports and buttons 123, 124, 125, 126, 127. Below this is a middle assembly 50 containing a display panel 51, a touch sensor 52, and a frame 53. A hinge mechanism 54 is shown connecting the middle assembly to the lower housing 20. The lower housing 20 contains internal components including a battery 21, a processor 22, a memory 23, a camera 24, and a speaker 25. A coordinate system is shown at the bottom left with axes X1, X2, Y1, Y2, Z1, and Z2.

FIG. 1

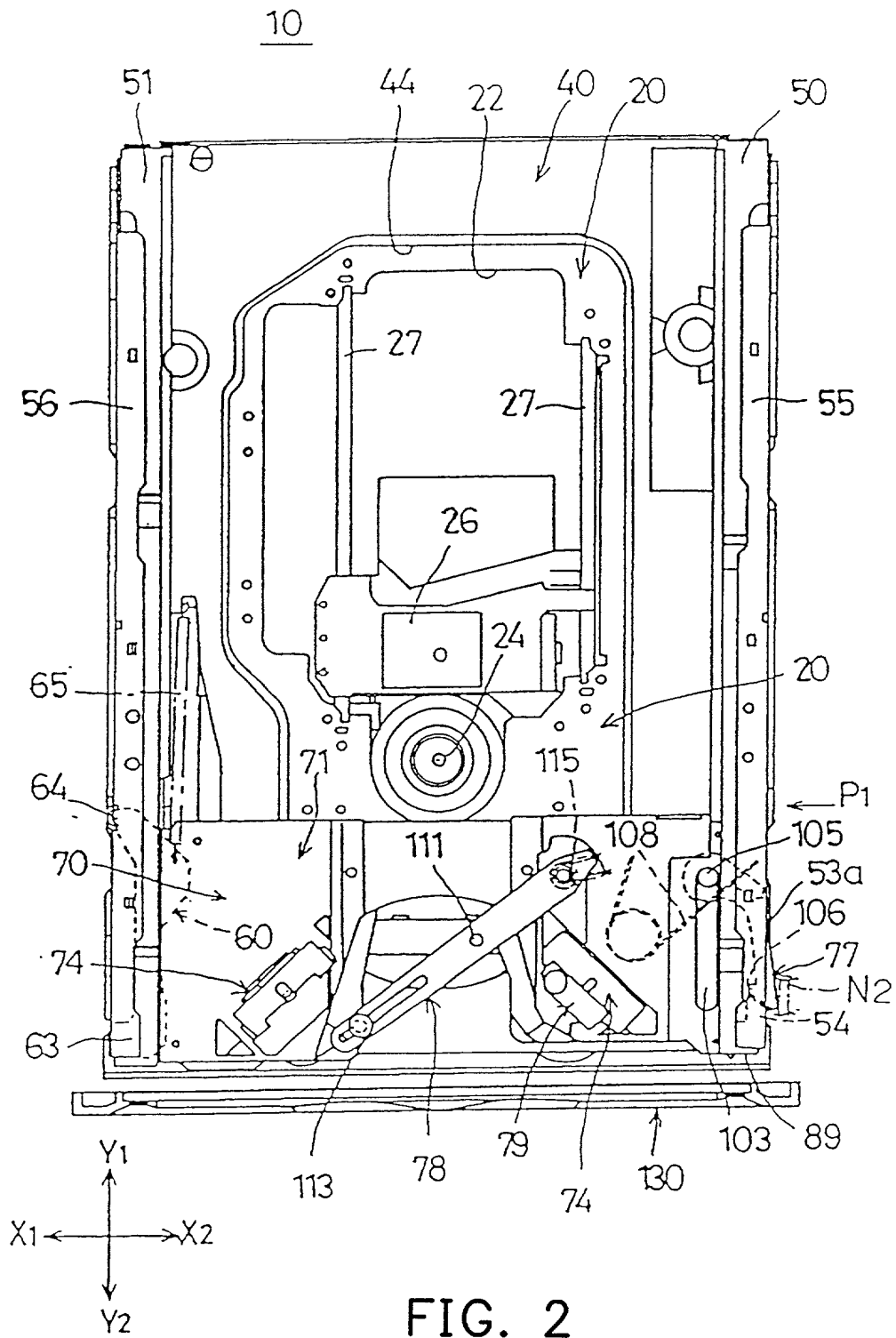


FIG. 2

10

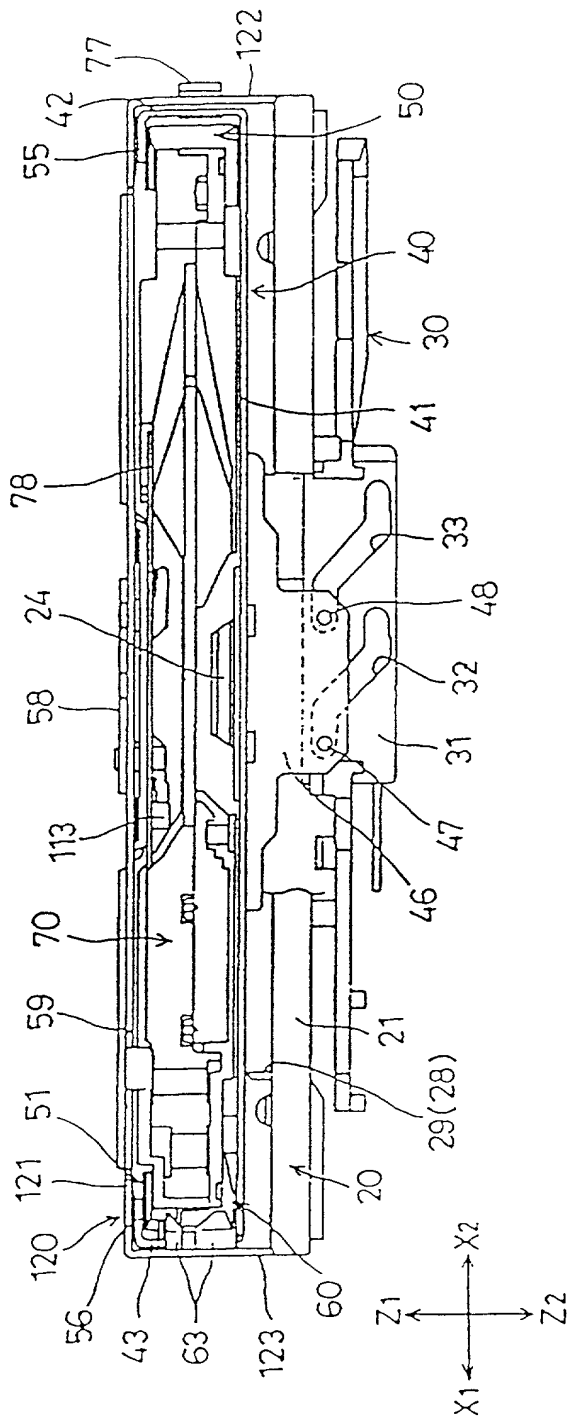


FIG. 3

10

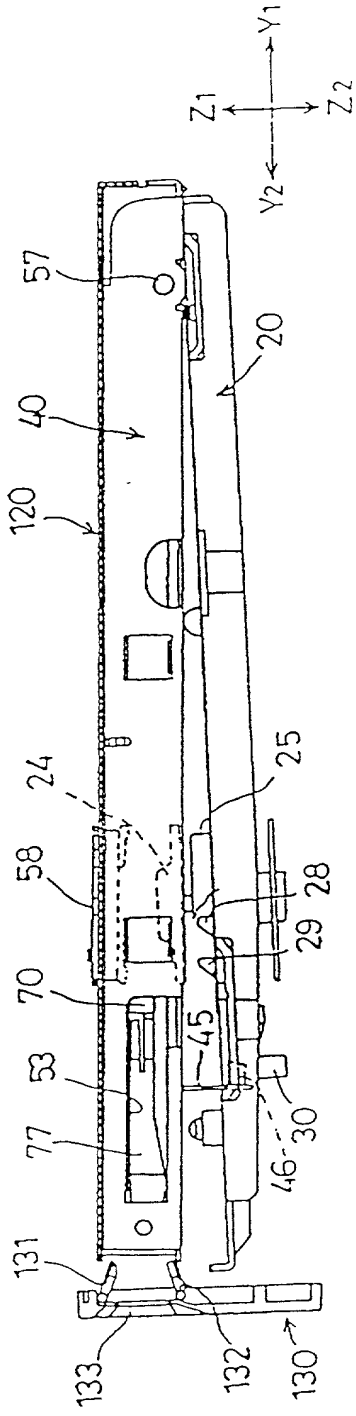


FIG. 4A

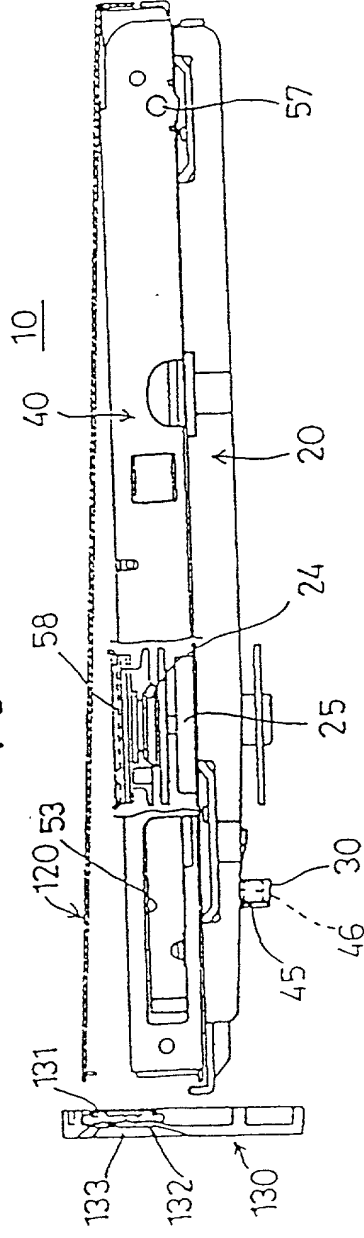


FIG. 4B

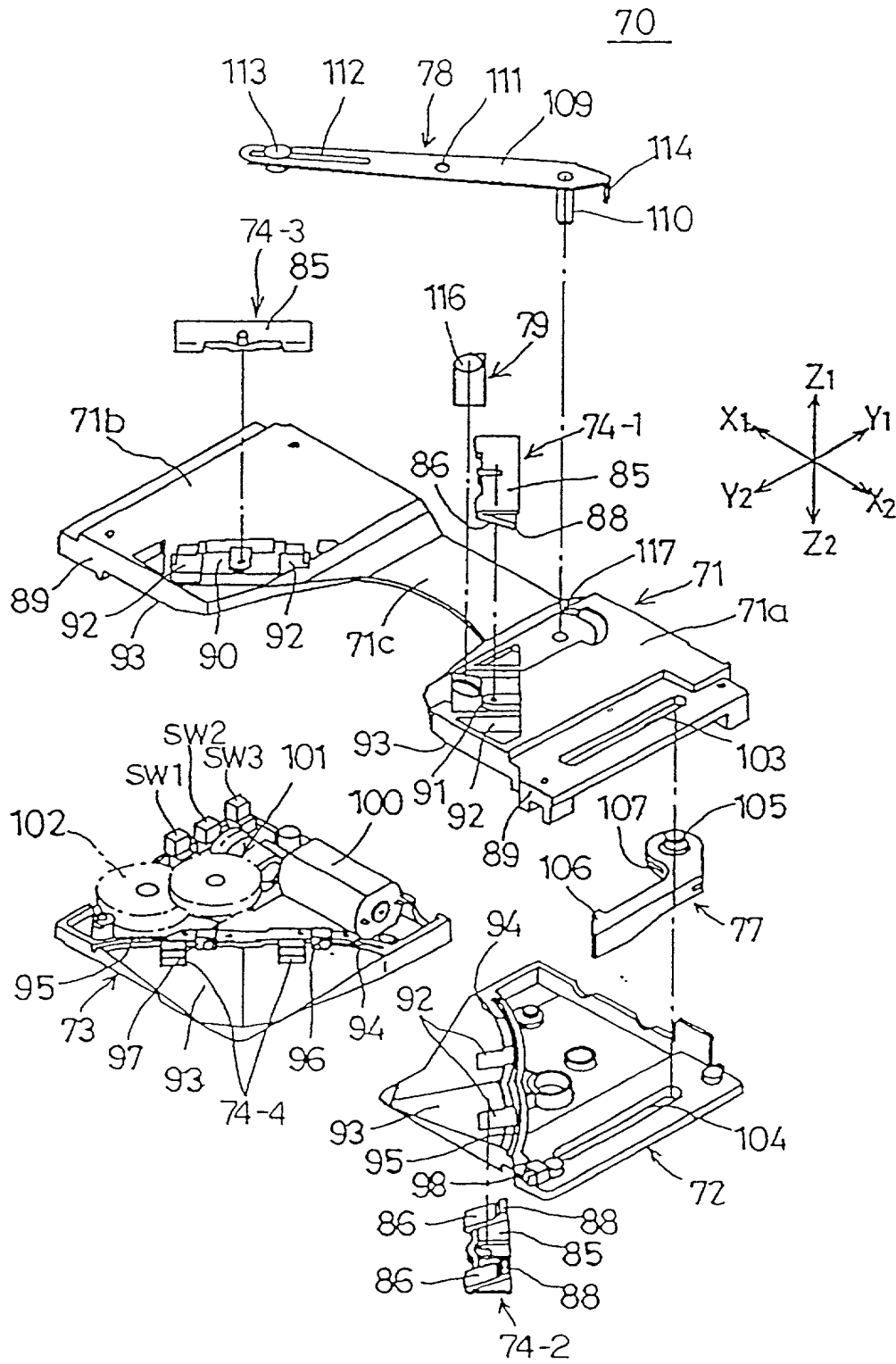


FIG. 5

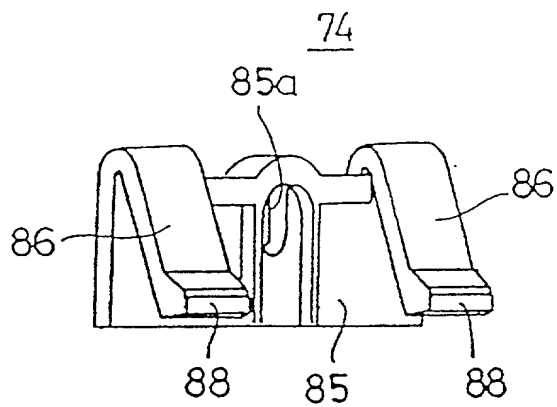


FIG. 6A

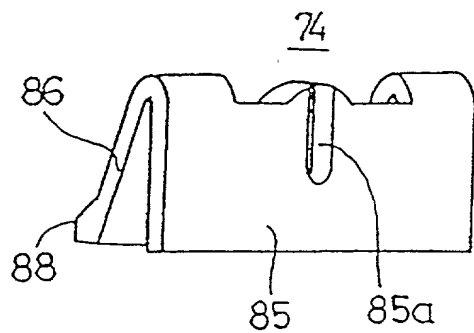


FIG. 6B

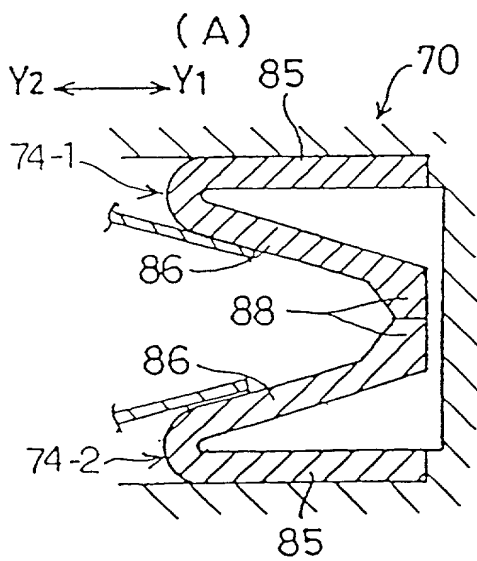


FIG. 7A

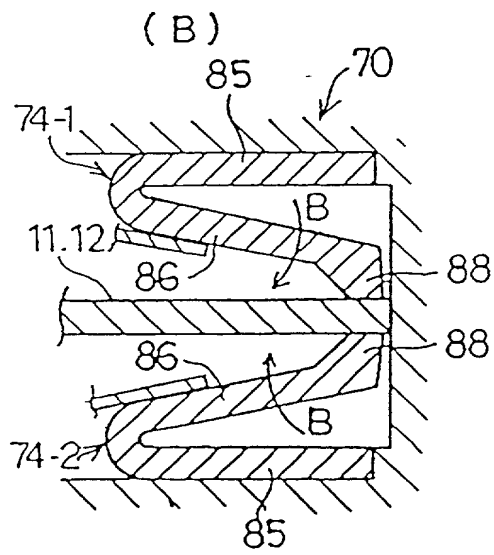


FIG. 7B

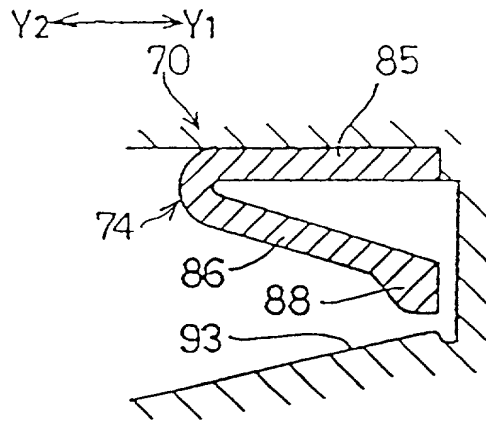


FIG. 8A

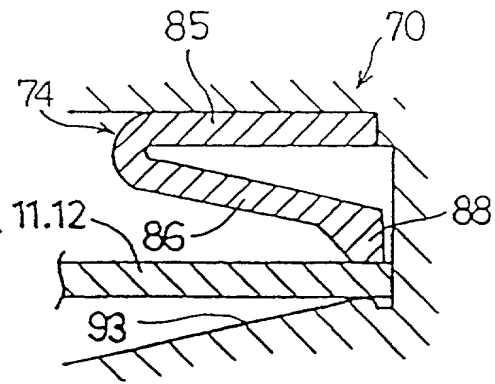


FIG. 8B

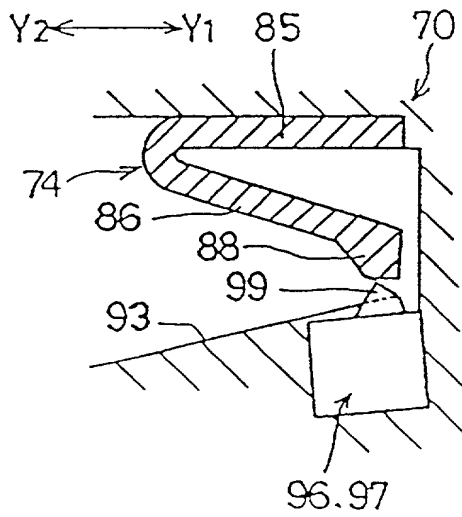


FIG. 9A

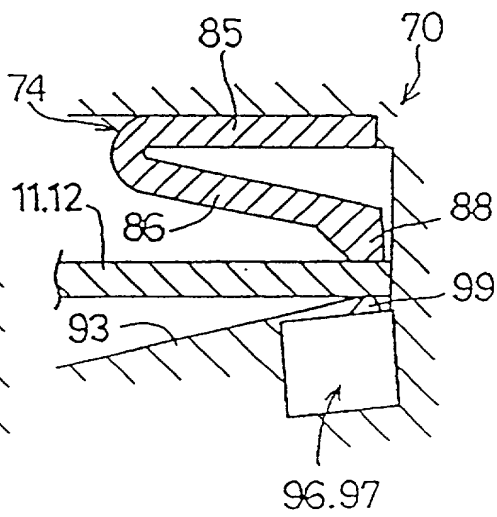


FIG. 9B

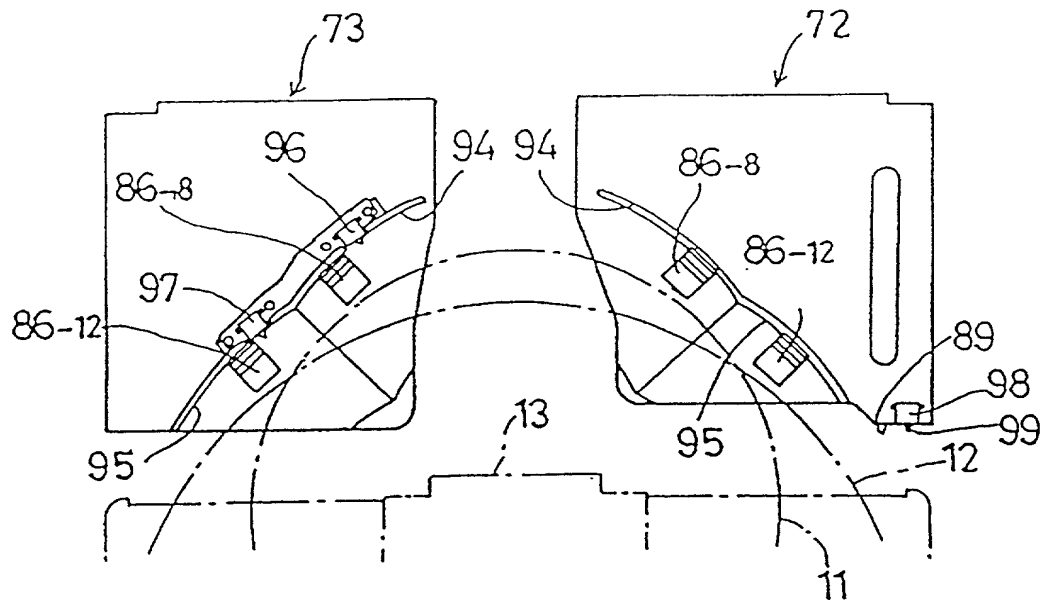


FIG. 10A

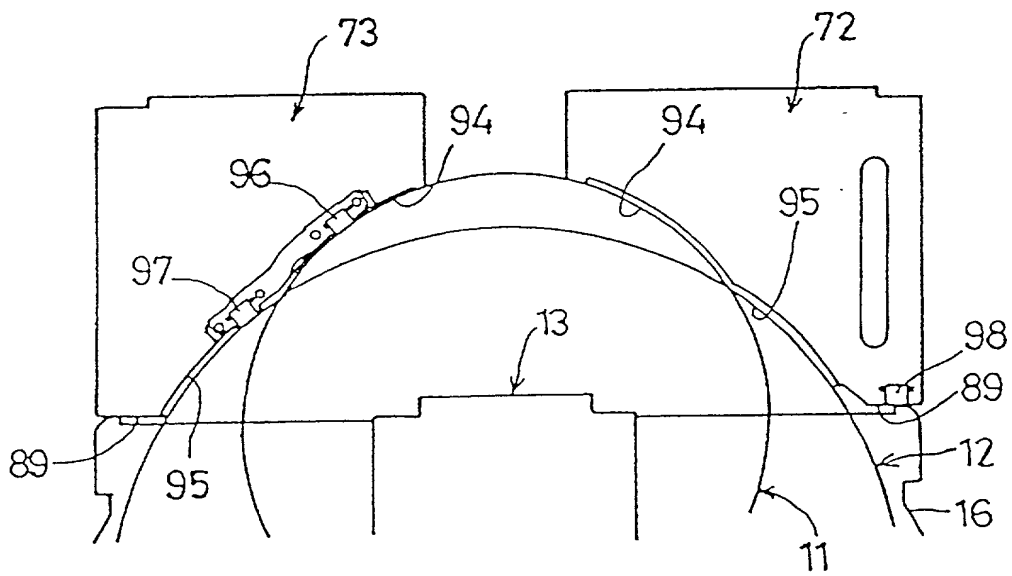


FIG. 10B



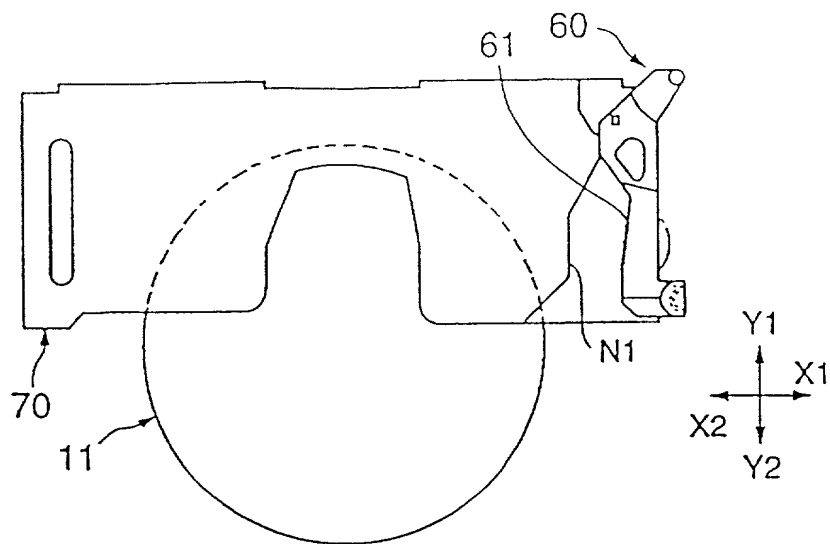


FIG. 11A

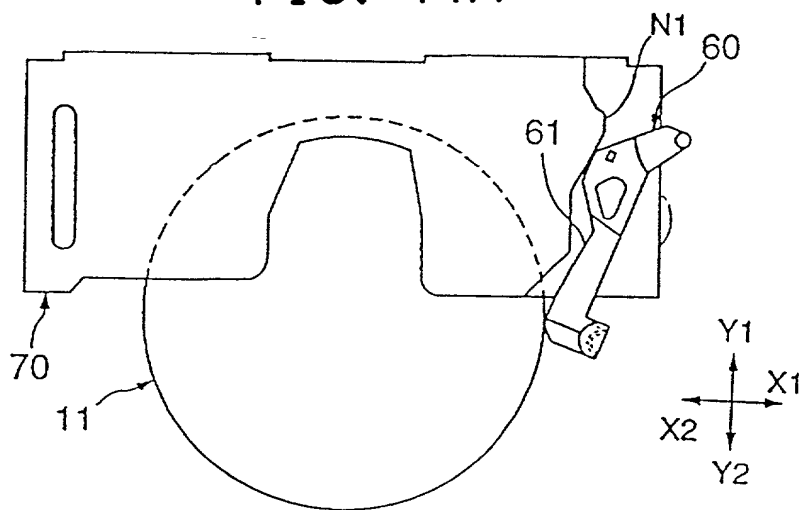


FIG. 11B

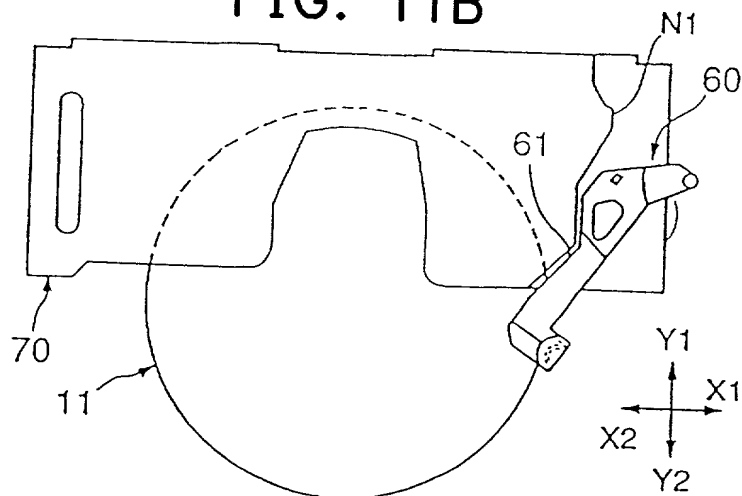


FIG. 11C

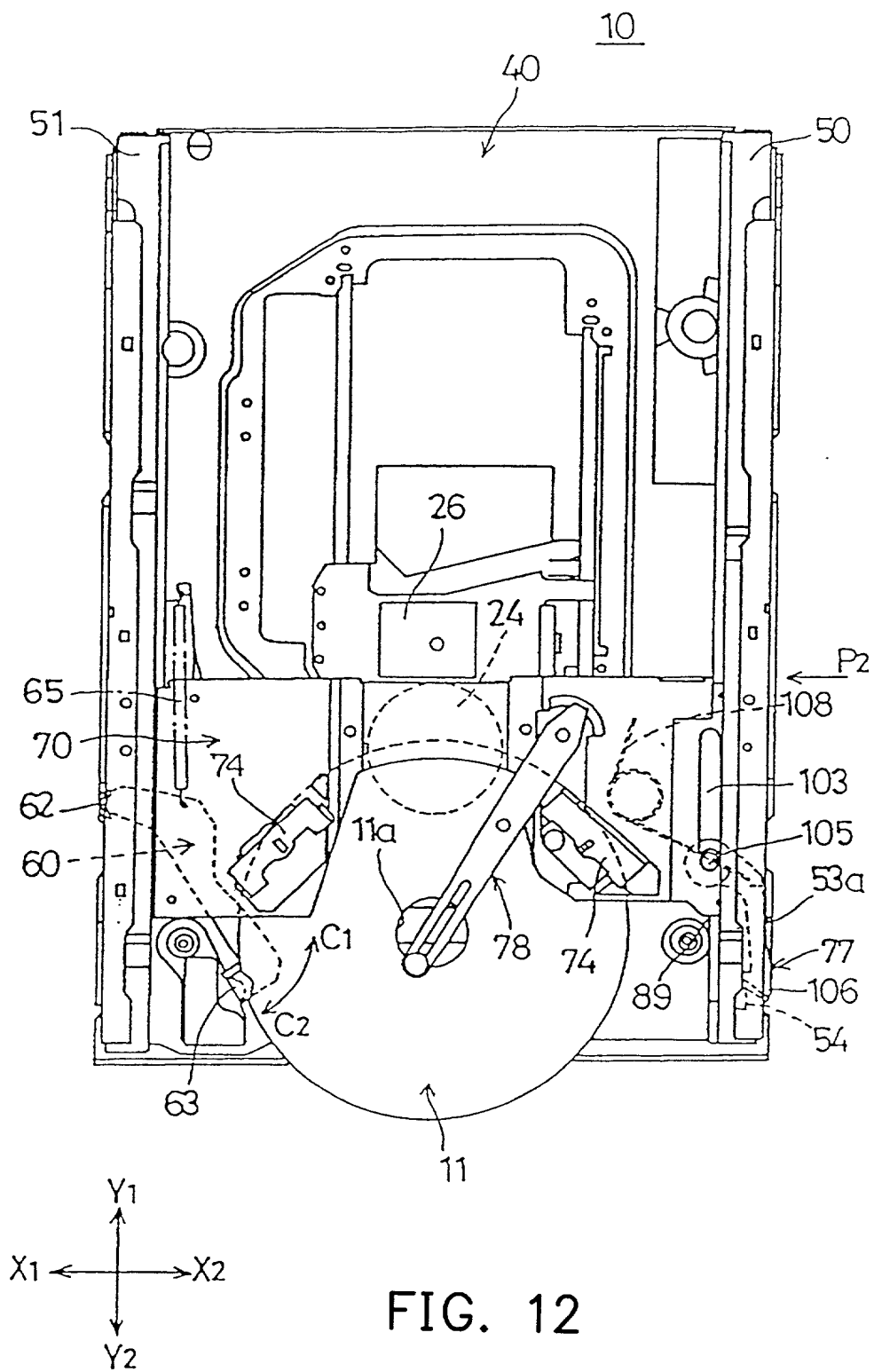
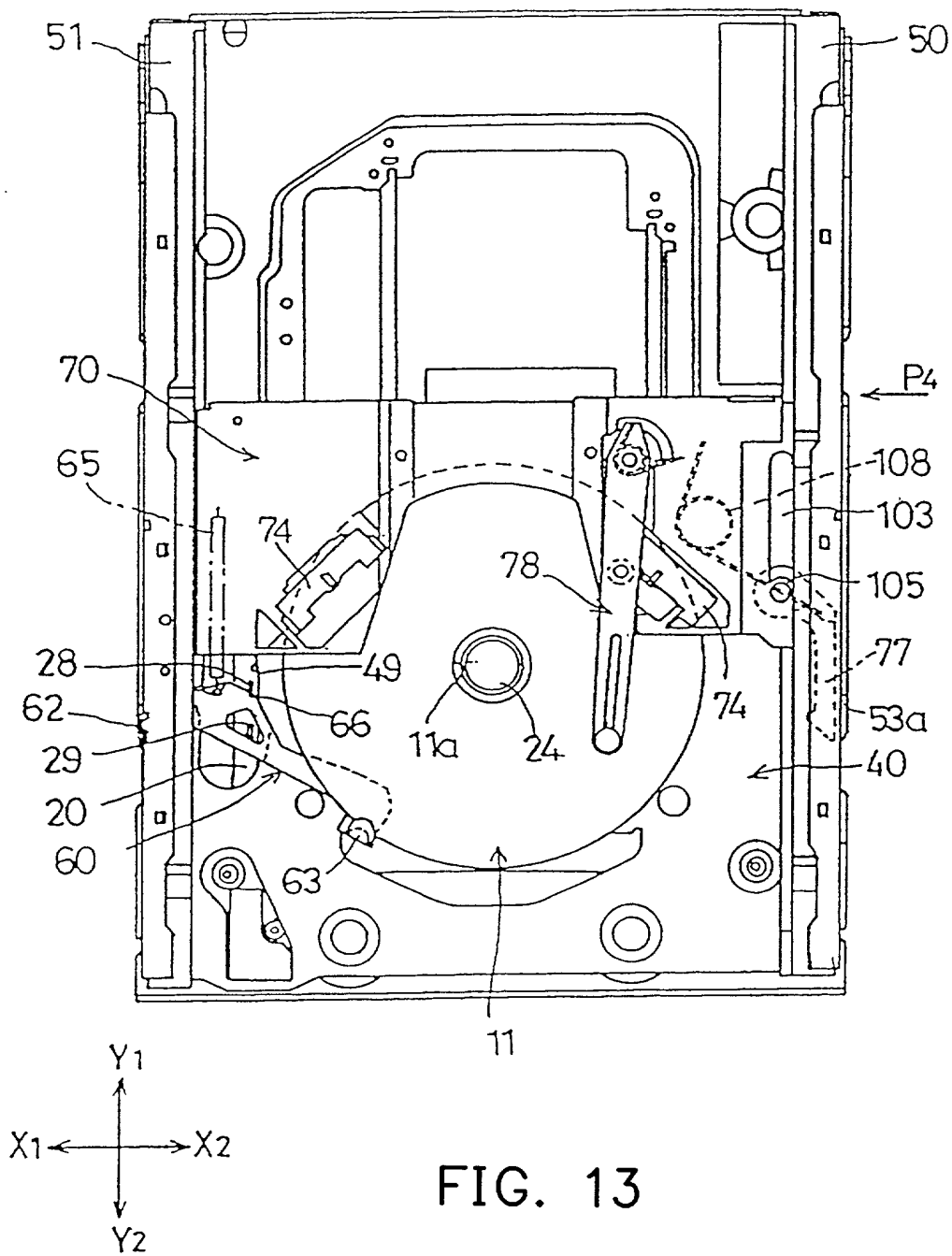
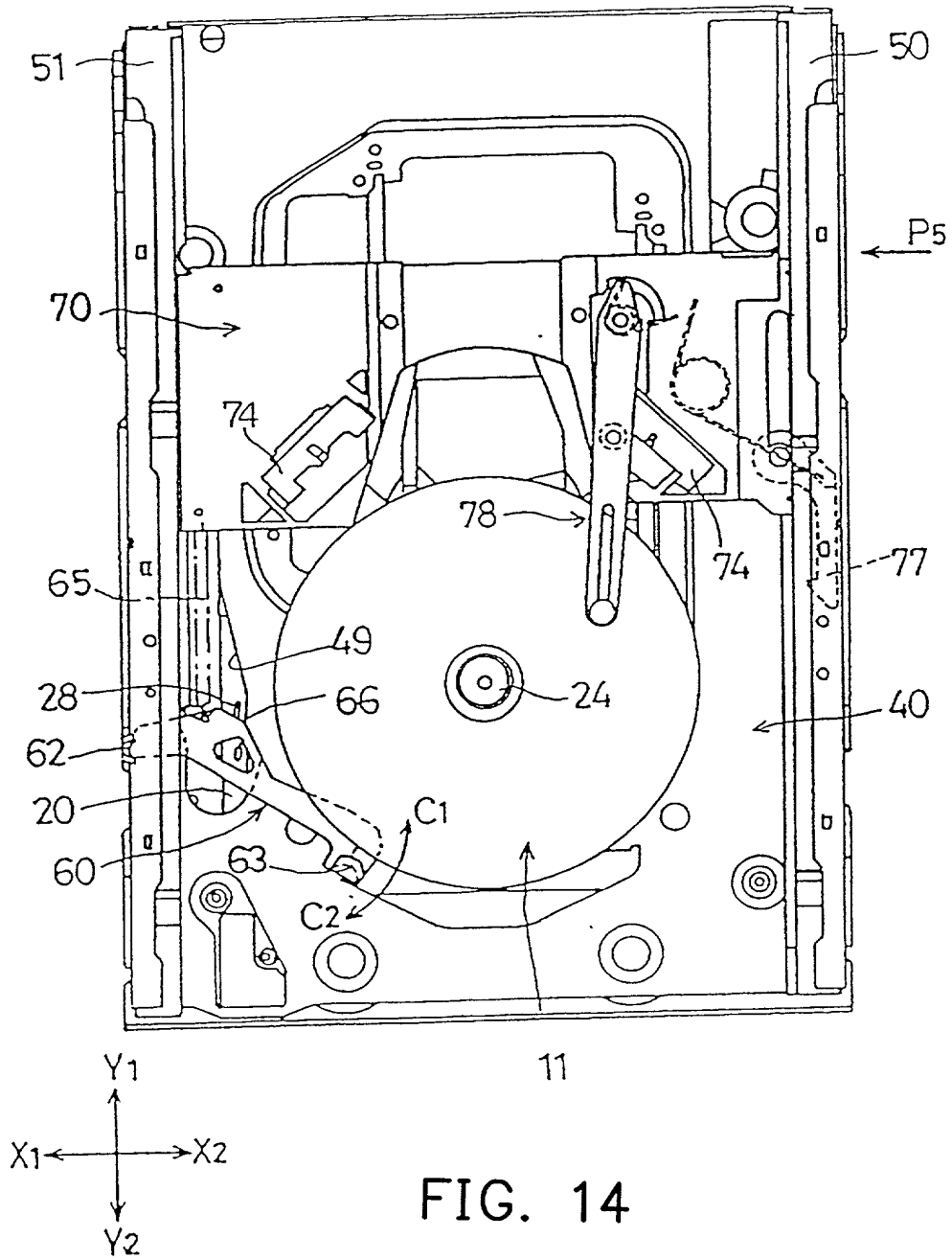


FIG. 12





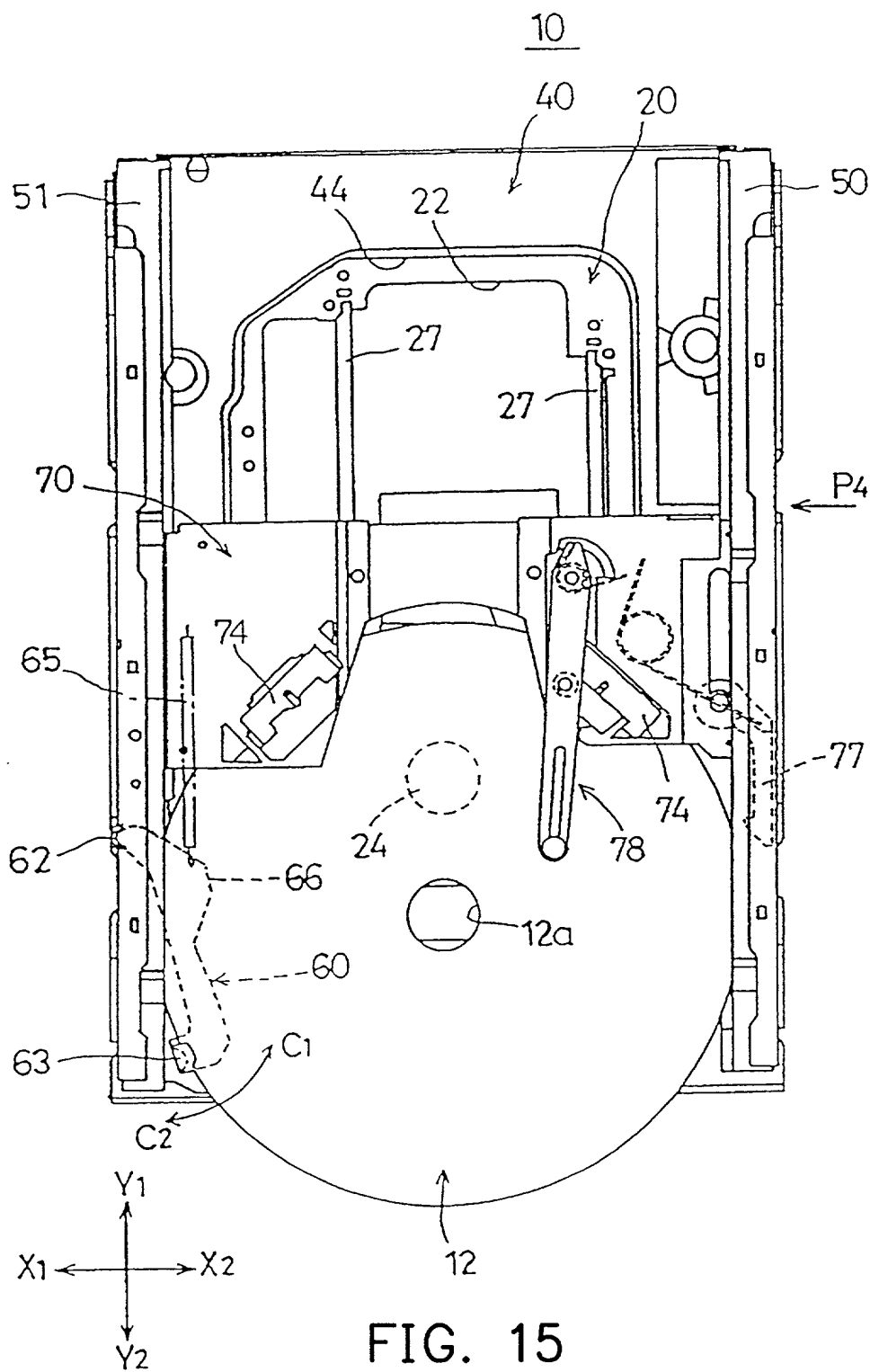


FIG. 15

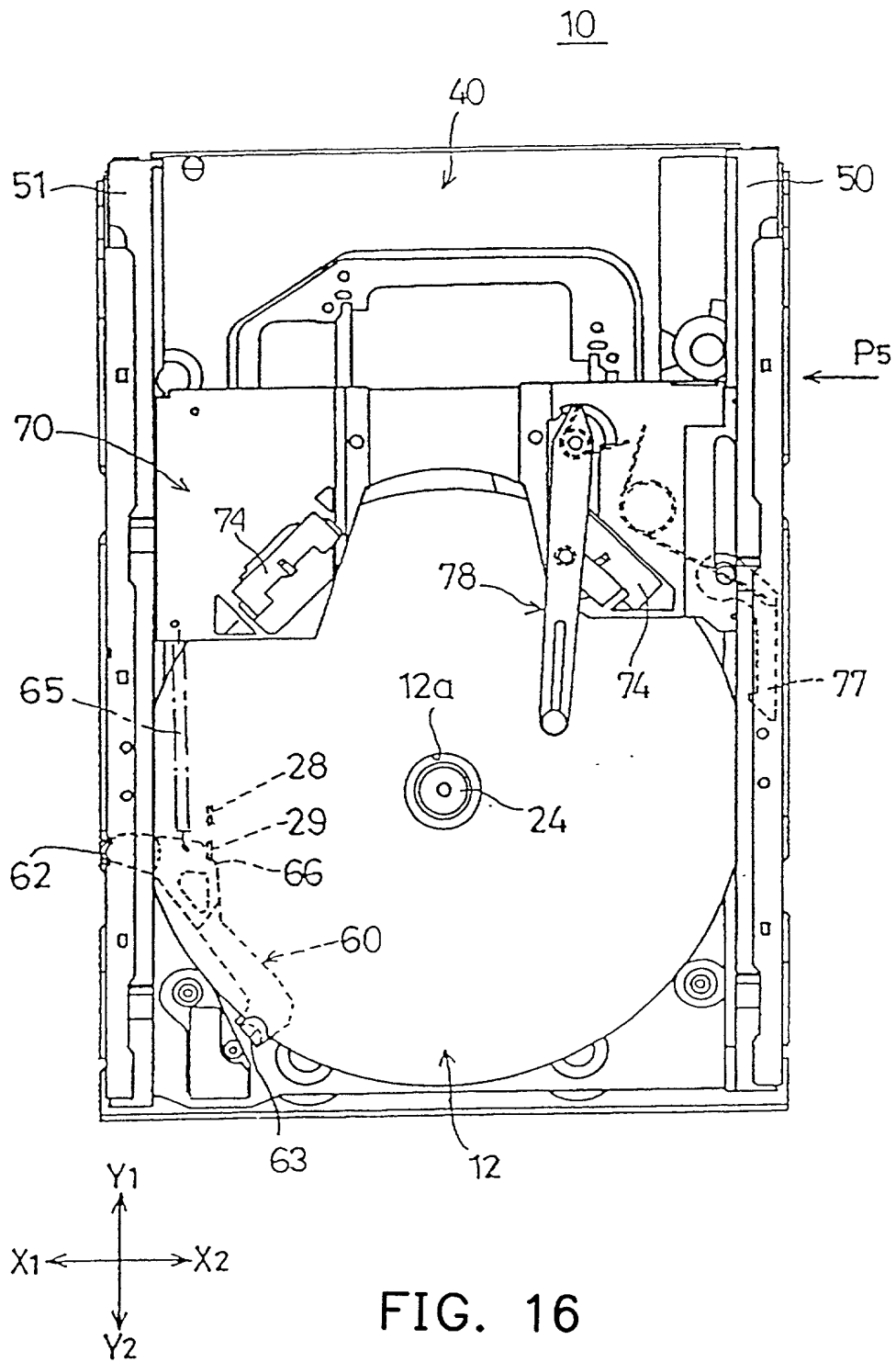


FIG. 16

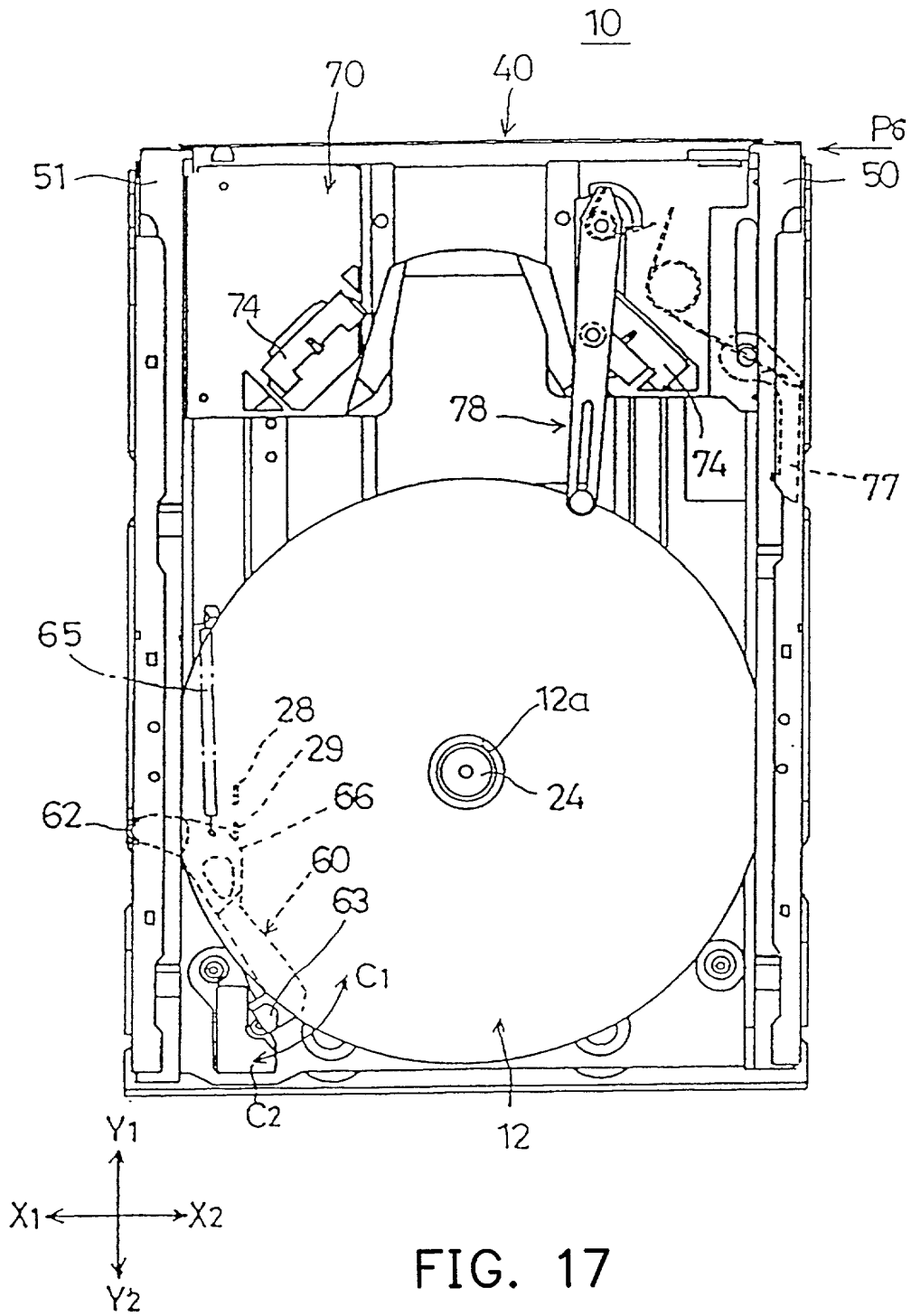


FIG. 17

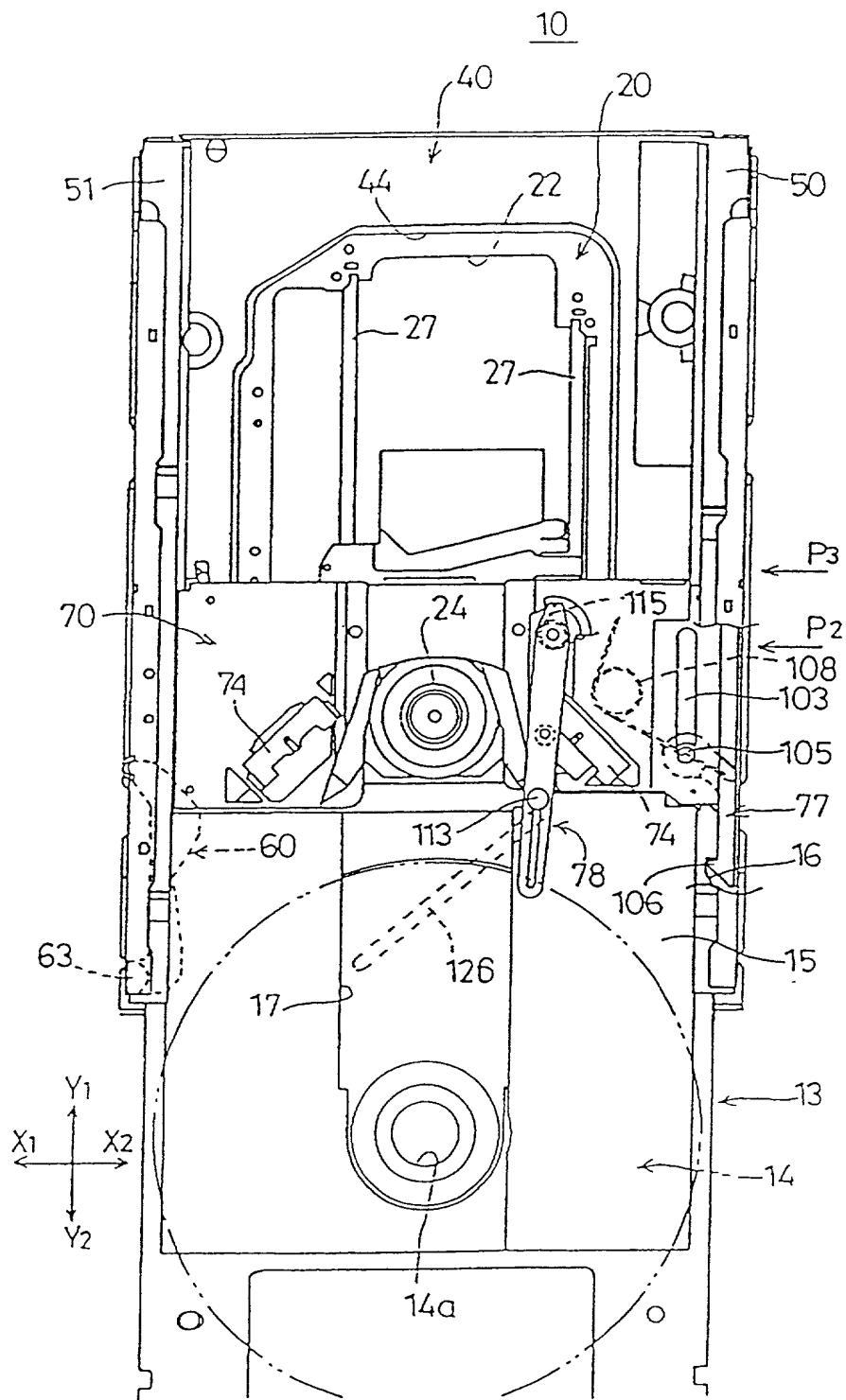


FIG. 18



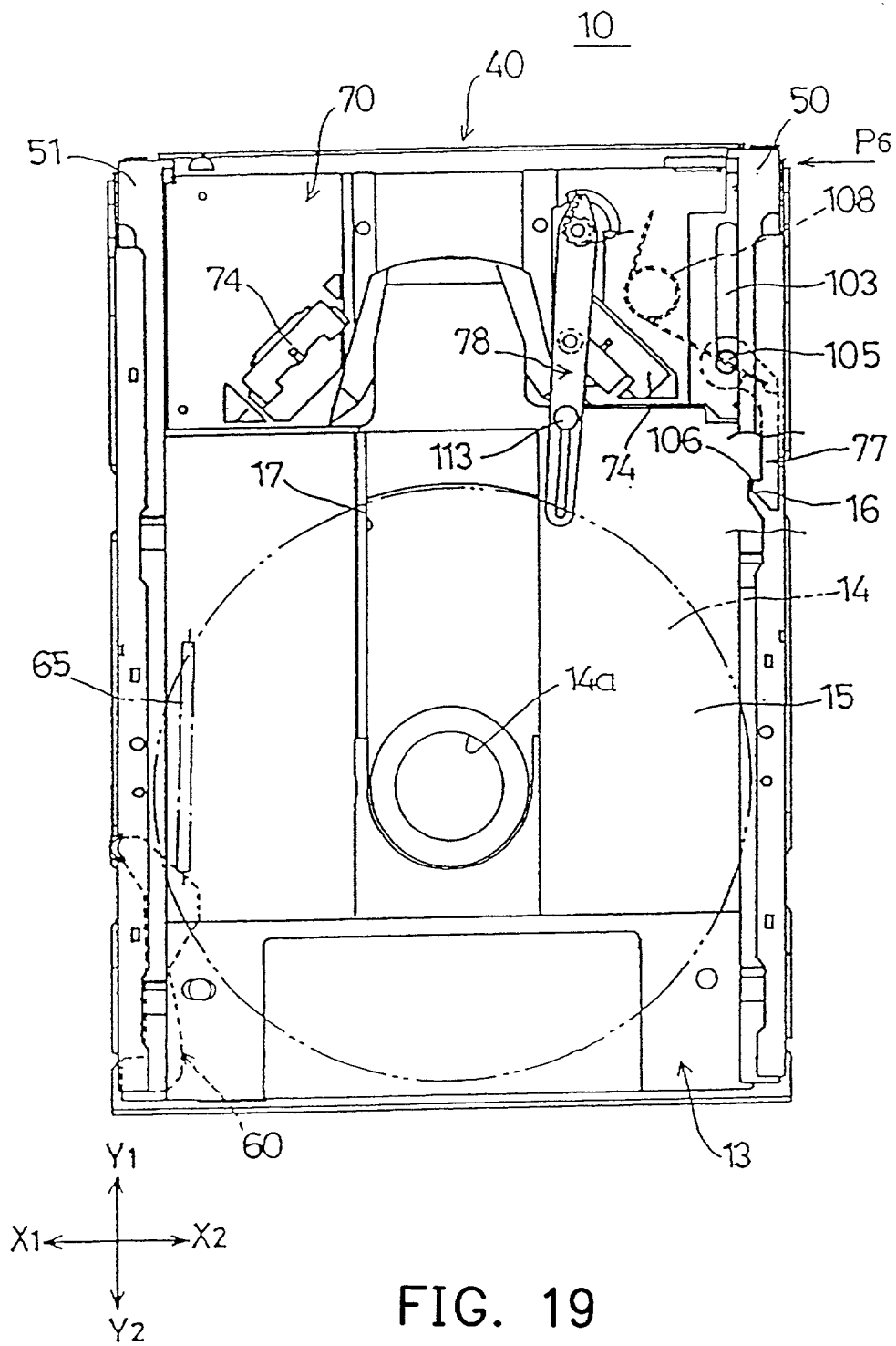


FIG. 19

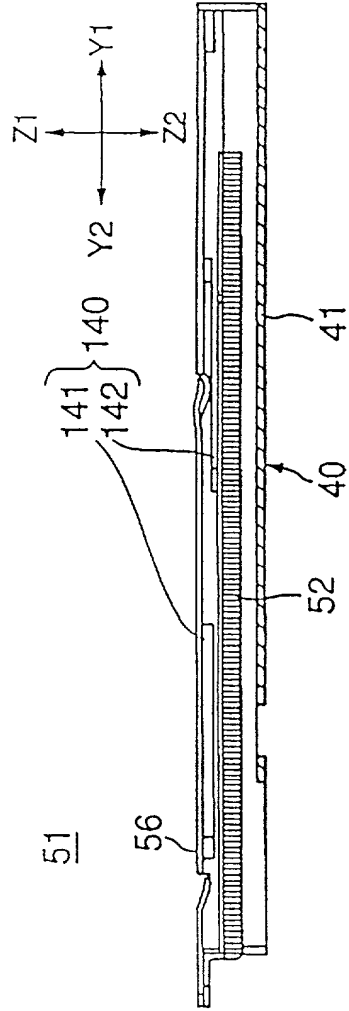
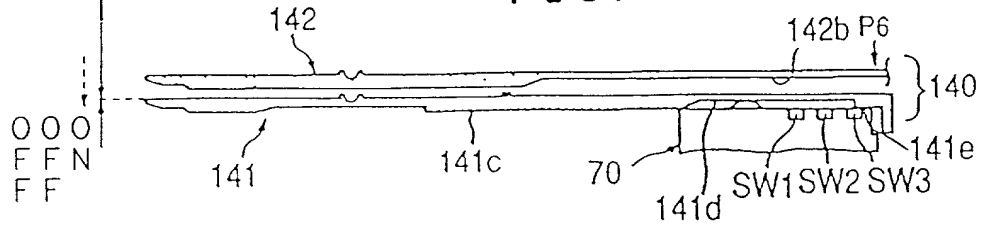
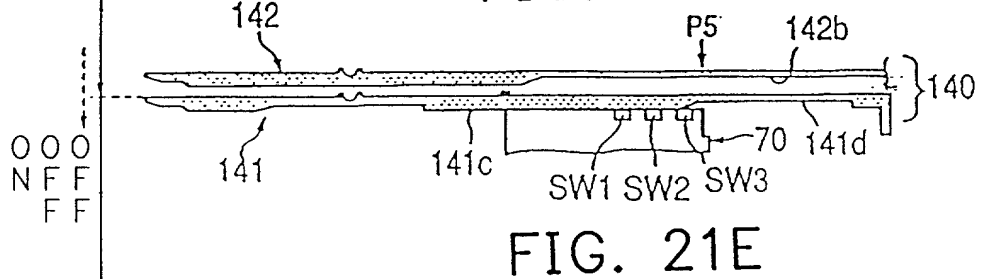
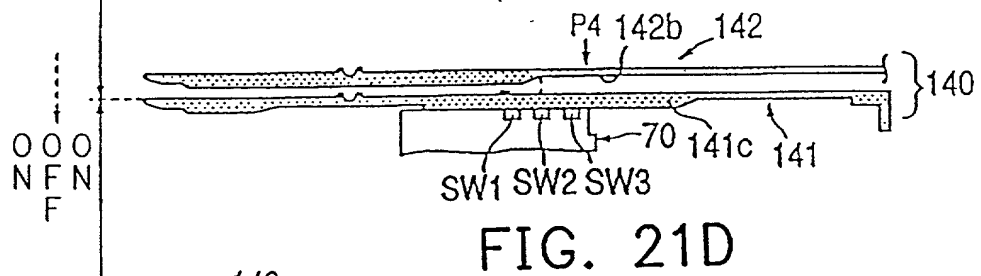
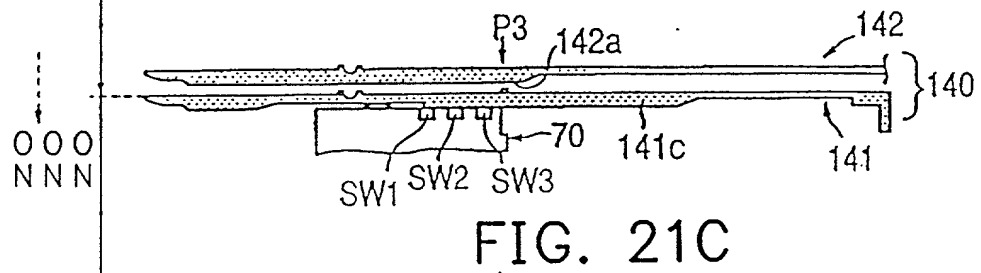
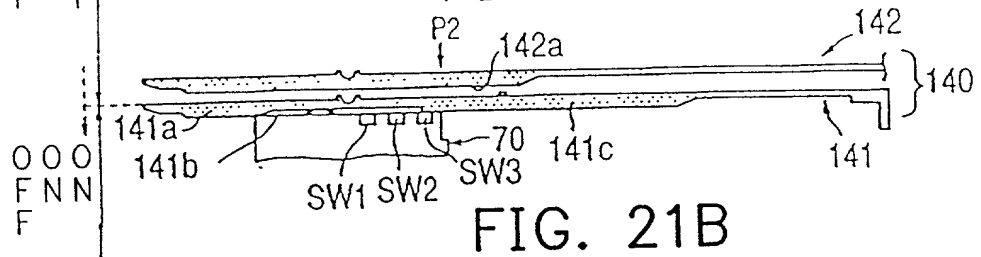
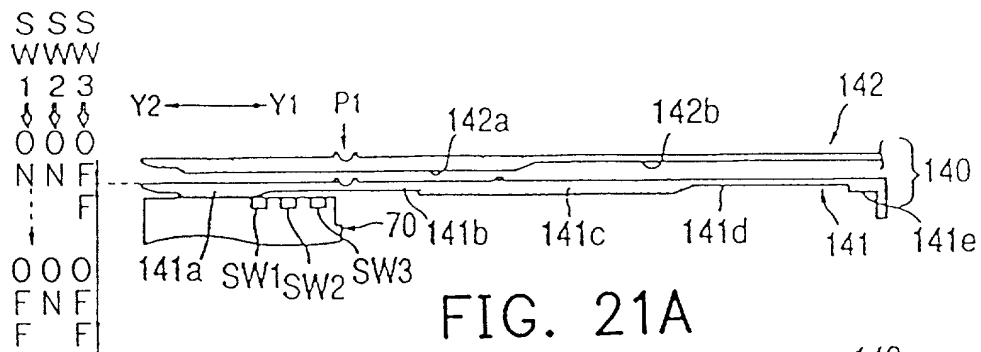


FIG. 20



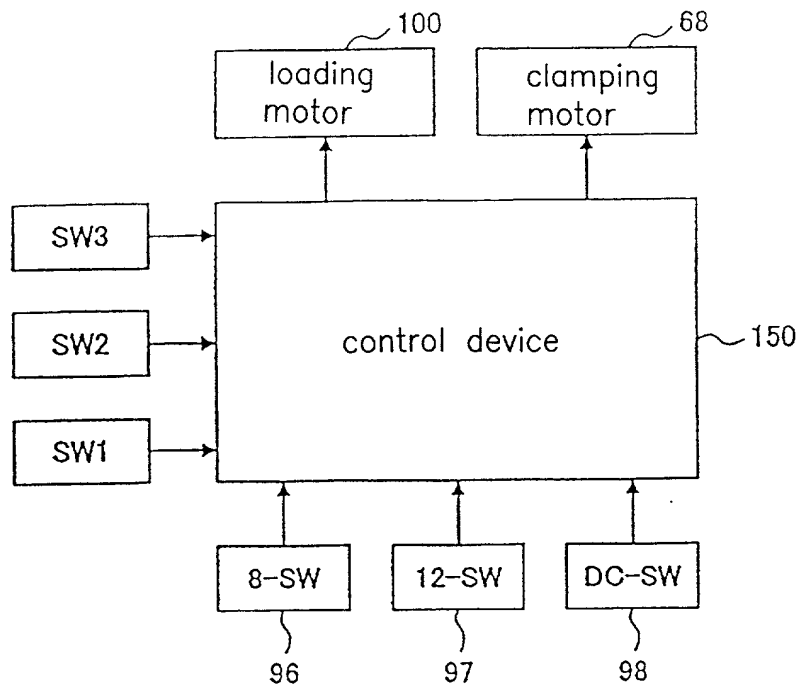


FIG. 22

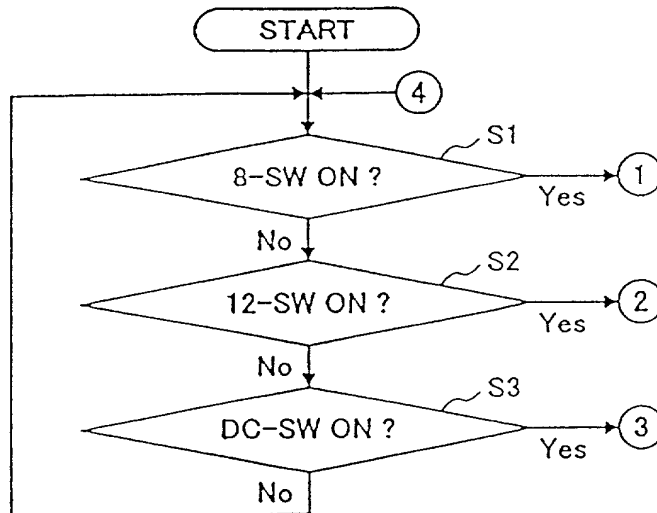


FIG. 23

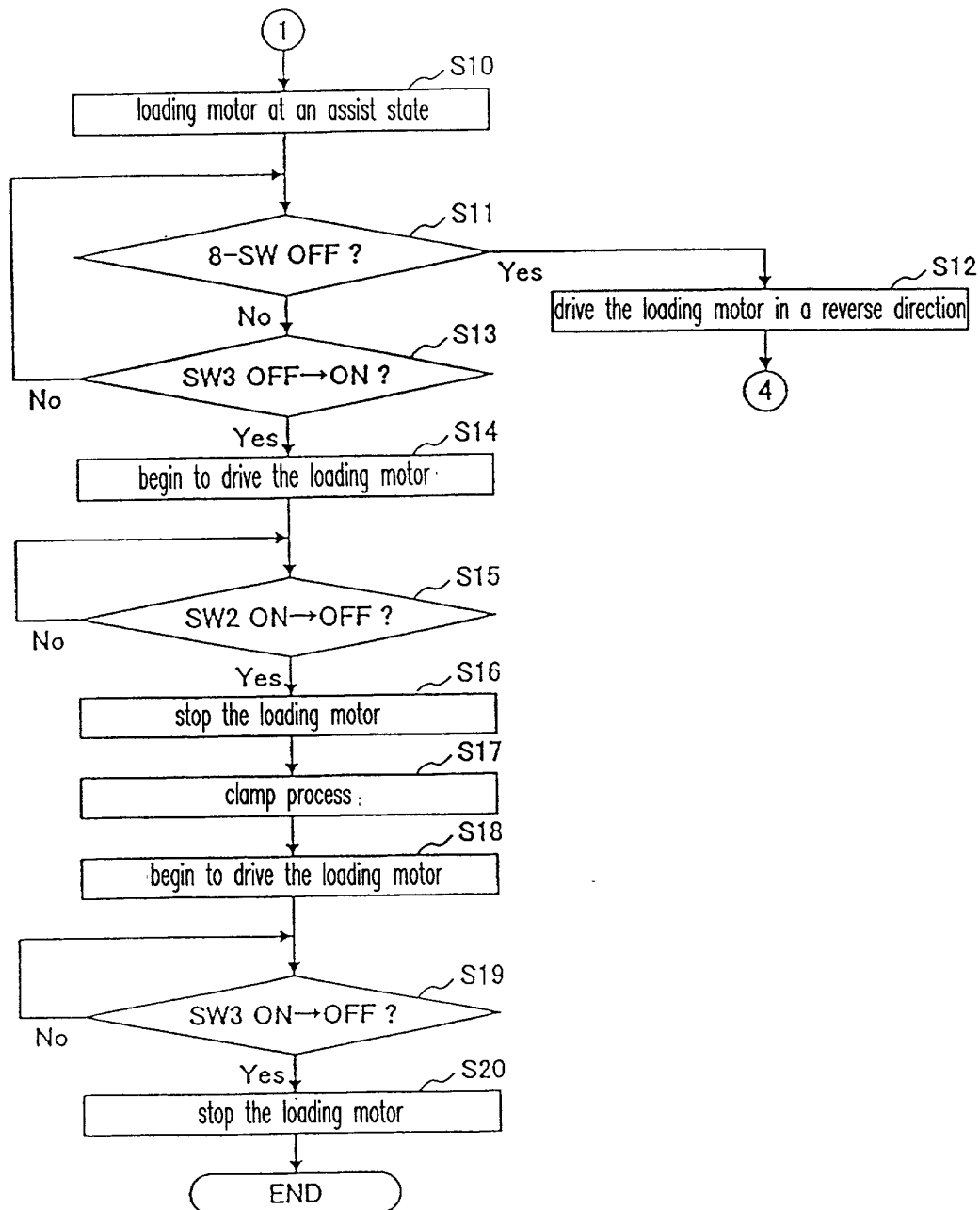


FIG. 24

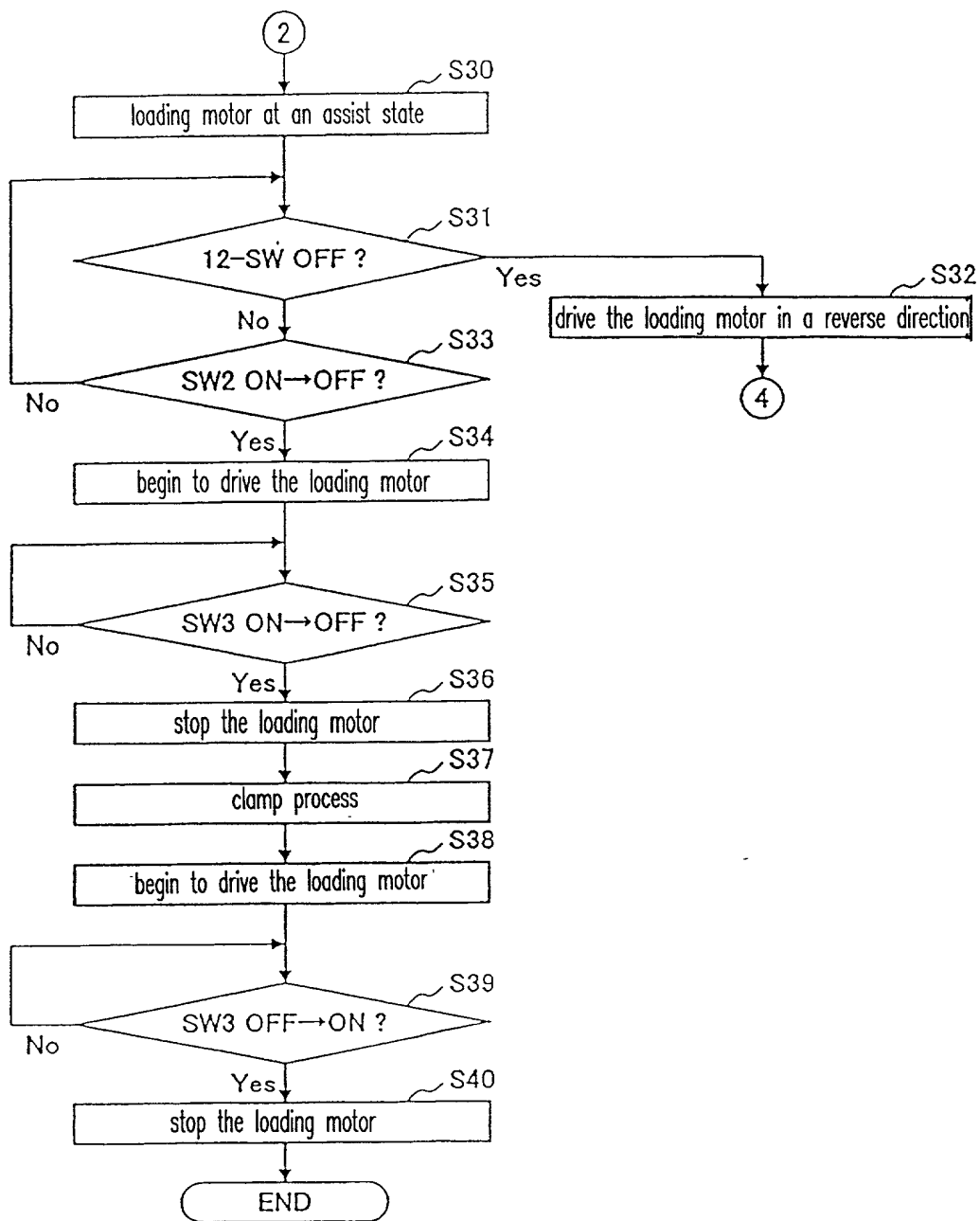


FIG. 25

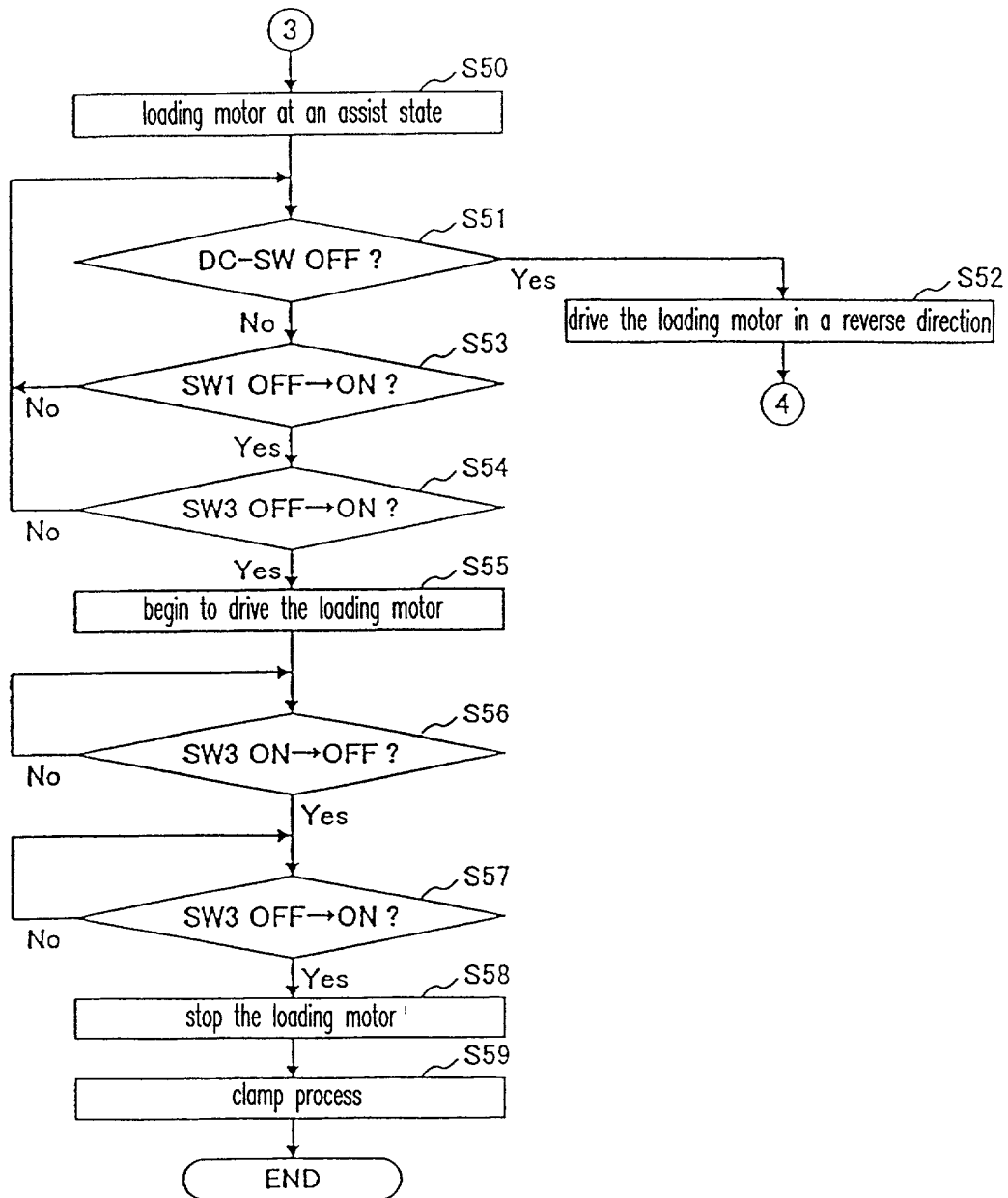


FIG. 26